

Appl. No. : 10/821,531
Filed : April 9, 2004

REMARKS

In the Office Action mailed February 20, 2009 the Examiner maintained the rejection of Claims 1-27. The Applicants thank the Examiner and the Examiner's supervisor for the time and input provided during the Telephonic Interview conducted on May 18, 2009. Reconsideration is respectfully requested in view of the Telephone Interview and the amendments made to the independent claims. As way of background, during the call the Examiner's supervisor indicated that the limitation added by amendment would overcome the cited prior art.

In general and as discussed during the Telephonic Interview, the prior art teaches switching after or as part of the frequency modification. In contrast, the amended claims require that additional switching does not occur. By eliminating a switch or a switch operation after the frequency modification device, cross coupling is reduced or eliminated.

Claim 1

Claim 1 has been amended as discussed to include the limitation as shown below.

*outputting the frequency specific signal on a single output
without additional switching.*

As discussed during the interview, the Applicants submit that Claim 1 and the claims that depend from Claim 1 are now allowable.

Claim 8

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Claim 8

Claim 8 has been amended as discussed to include the limitation as shown below.

*outputting the frequency modified signal on a single output
without the frequency modified signal passing through a switch as
part of the outputting.*

The Applicants submit that Claim 8 contains limitations which distinguish it from the prior art and request allowance of Claim 8 and the claims that depend from Claim 8.

Claim 14

Claim 14 has been amended as discussed to include the limitation as shown below.

*a frequency modification device configured to receive the
switch output after switching and modify the frequency of the
switch output to a desired output frequency to create an output
signal, wherein for every change in the switch output a frequency
modification change also occurs, wherein an additional switch is
not present after the frequency modification device.
~~a single output, without an additional switch thereafter,
configured to output the output signal.~~*

The Applicants submit that Claim 14 contains limitations which distinguish it from the prior art and request allowance of Claim 14 and the claims that depend from Claim 14.

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Claim 22 has been amended to include the additional limitation shown below.

an output configured to output the frequency modified signal such that a switch is not located between the frequency modification device and the output.

The Applicants submit that Claim 22 contains limitations as discussed during the telephonic interview which distinguish it from the prior art. Consequently, the Applicants request allowance of Claim 22 and the claims that depend from Claim 22.

SUMMARY

Applicants assert that Claims 1-27 are in a condition for allowance and respectfully requests a notice as to the same. If any matters remain outstanding, the Examiner is invited to contact the undersigned by telephone.

Dated: 6/5/09

Respectfully submitted,
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